

Patent Claims:

1. A seal for combustion engines, comprising at least one metal layer having an outer edge region and at least one pass-through opening formed in the at least one metal layer; and a plurality of circumferential, parallel profile sumps formed in at least said outer edge region.
2. The seal of claim 1, wherein said profile sumps are formed as circumferential wave sumps.
3. The seal of claim 1, wherein said profile sumps are formed by a circumferential saw-tooth profile.
4. The seal of claim 1, wherein said profile sumps run parallel to one another and have the same shape.
5. The seal of claim 1, wherein said profile sumps run parallel to one another and have offset cross sections.
6. The seal of claim 1, wherein said profile sumps are filled with an elastomer-type coating material.
7. The seal of claim 1, wherein said at least one pass-through opening is surrounded by at least one associated circumferential profile sump.
8. The seal of claim 1, wherein in the presence of a stopper next to a full sump in the area of the at least one pass-through opening, the stopper is formed by at least one profile sump.